

**PROCEEDINGS OF THE BROWN COUNTY  
PLANNING, DEVELOPMENT & TRANSPORTATION COMMITTEE**

Pursuant to Section 19.84 Wis. Stats., a regular meeting of the **Brown County Planning, Development & Transportation Committee** was held on Monday, January 26, 2015 in Room 161, UW Extension, 1150 Bellevue Street, Green Bay, WI

---

**Present:** Chair Bernie Erickson, Supervisors Tom Sieber, Supervisor Dantinne, Supervisor Dave Kaster, Supervisor Landwehr  
**Also Present:** Tom Miller, Paul Fontecchio, Jeff Oudeans, Brandy Younger, Dean Haen, Judy Knudsen, Chad Weininger, and other interested parties.

---

**I. Call Meeting to Order.**

Meeting was called to order by Supervisor Bernie Erickson at 6:37 p.m.

**II. Approve/Modify Agenda.**

**Motion made by Supervisor Kaster, seconded by Supervisor Sieber to approve.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**III. Approve/Modify Minutes of November 24, 2014.**

**Motion made by Supervisor Dantinne, seconded by Supervisor Landwehr to approve.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**1. Review minutes of:**

- a. Harbor Commission (October 13, 2014 and December 8, 2014).
- b. Planning Commission Board of Directors (December 3, 2014).
- c. Planning Commission Board of Directors Transportation Subcommittee (November 10, 2014).
- d. Revolving Loan Fund Committee (October 8, 2014).
- e. Solid Waste Board (October 20, 2014 and December 1, 2014).
- f. Transportation Coordinating Committee (September 8, 2014).

**Motion made by Supervisor Dantinne, seconded by Supervisor Sieber to suspend the rules to take Items 1a-f. Vote taken. MOTION CARRIED UNANIMOUSLY.**

**Motion made by Supervisor Dantinne, seconded by Supervisor Sieber to receive and place on file Items 1a-f. Vote taken. MOTION CARRIED UNANIMOUSLY.**

**Comments from the Public** None.

Chairman Erickson informed that the April PD&T Meeting will be held at the Howard Public Works location prior to their Annual Towns Meeting.

**Airport**

**2. Agency Agreement and Petition for State Aid.**

Airport Director Tom Miller provided updated handouts (attached). Miller informed that both 2 and 2a were companion agreements; the agency agreement and the petition for state aid go

together to the County Board. This was required under state law that all federal grants had to be funneled through the Department of Transportation for airports. The projects listed were NRCIP for the next few years and then some. All of the work probably will not get done but if they hadn't petitioned for it, the state won't act as their agent and they won't file a grant on their behalf.

**Motion made by Supervisor Dantine, seconded by Supervisor Landwehr to approve.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**2a. Resolution re: Petitioning The Secretary of Transportation for Airport Improvement Aid.**

**Motion made by Supervisor Dantine, seconded by Supervisor Kaster to approve.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**3. Director's Report.**

Miller reported on the following:

- Traffic was up from 2014, up 2.2%.
- A handout was provided (attached) re: Employee's working over 12 hours in a 24 hr. period report for November and December, 2014. They tried to eliminate it as much as they could with the second piece of equipment they had. They also try to split the crew into two shifts where they could to get overlap and reduce overtime.
- The airport was in the process of completing an application for WEEC Certified Sites Program for some land that was located on the airport. If that was approved it would help publicize land that was available for development on the airport and it was relatively shovel-ready for an industrial developer to come in and locate on the site. It would not be for sale, it would be for lease. The FAA would have to approve that lease but they were in the final stages of the application as it was due February 6, 2015.

**Motion made by Supervisor Dantine, seconded by Supervisor Sieber to receive and place on file.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**Register of Deeds**

**4. Budget Status Financial Report for November, 2014.**

**Motion made by Supervisor Sieber, seconded by Supervisor Landwehr to receive and place on file.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**UW-Extension**

**5. Budget Status Financial Report for November, 2014.**

UW-Extension Director Judy Knudsen distributed their November, 2014 Budget Status Financial Report. She reported that they had brought in a lot of revenue in the last month or so, so they should be in good shape.

**Motion made by Supervisor Dantine, seconded by Supervisor Landwehr to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY.**

**6. Open Position Report Monthly Status.**

Knudsen informed that they had a number of seasonal positions open, horticulture based. They

will fill those positions with a start date between March and May depending on the position. They were all externally funded except for one which they already had funds in place.

**Motion made by Supervisor Sieber, seconded by Supervisor Dantine to receive and place on file.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**7. Director's Report.**

A copy of their annual report: UW Extension 2014 Highlights was distributed as well as a flyer for their Brown County Taste of Wisconsin fundraiser, which started last year (both handouts attached). With regard to the fundraiser, Knudsen informed that they did well last year and made a profit so they were doing it again this year. Ticket sales were limited to 225 people, last year they had 165 and were expecting a good crowd again. Dantine informed that it was a nice event last year with a lot of good food and was well put on.

Things going on at the UW-Extension office:

- They were getting ready for the Midwest Manure Summit, this was the fourth time they had done it, it was a biannual event at the Radisson Hotel. It involved participants from across the US and Canada to learn about the latest research and techniques for dealing with manure. They usually have a couple hundred people and had their sponsors in place.
- They will be doing CAFO training in February as well. They typically draw about 150 in Green Bay. They had 20 CAFOs in the county but they had a lot of other farmers that came, they had speakers from OSHA, EPA, DNR, etc.
- Tomorrow will be their last day of training for their landscapers. Last week they had 70 in to talk about turf issues.
- They did greenhouse training last Thursday, which had about 30 people. They started this last year.
- Their Master Gardener training will be starting with a good size class so they were looking forward to that.
- Their 4-H Program received a Tech Wizard grant.
- They had a 4-H Robotics Club, beginners were starting early February on Saturdays. Those with experience will come Thursday nights as it was a very popular program.
- They were very involved with the Green Bay School District in doing after-school programs. It had been a great opportunity to reach diverse kids and give them quality programs.

**Motion made by Supervisor Dantine, seconded by Supervisor Sieber to receive and place on file.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**Planning and Land Services**  
**Land Information (No items)**

**Planning Commission**

**8. Update regarding development of the Brown County Farm property – standing item.**

**Motion made by Supervisor Sieber, seconded by Supervisor Kaster to take Items 9-11 together.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**9. Budget Status Financial Report for November, 2014.**

**Property Listing**

**10. Budget Status Financial Report for November, 2014.**

### Zoning

11. **Budget Status Financial Report for November, 2014.**

**Motion made by Supervisor Sieber, seconded by Supervisor Dantine to receive and place on file Items 9-11. Vote taken. MOTION CARRIED UNANIMOUSLY.**

### Port & Resource Recovery

12. **2015 Communication Plans – Request for Approval.**

Referring to the handouts in the agenda packet, Port & Resource Recovery Director Dean Haen informed that on the Port side there was a \$35,000 Public Relations Campaign that was paid for by their internal operators for the harbor fee. Of \$35,000, \$10,000 was spent on ads in local and federal periodicals, videos, etc. The remaining balance was on public relations where they produce all the press releases and news stories to keep the port in the media. On the Resource Recovery side, they had \$15,000 with \$3,000 used for advertisements and \$12,000 used for public relations with an effort to focus on each program area once a month.

**Motion made by Supervisor Landwehr, seconded by Supervisor Dantine to approve. Vote taken. MOTION CARRIED UNANIMOUSLY.**

13. **Port 2014 Tonnage Report.**

A full report can be located in the agenda packet material.

**Motion made by Supervisor Dantine, seconded by Supervisor Sieber to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY.**

14. **Director's Report.**

Haen reported on projects that were moving forward (details provided in agenda packet material) including the Recycling Compactor and Building Expansion, Cat Island Project, Renard Island, Environmental Dredging in the Port Area, South Landfill/Resource Recovery Park Project, and Daylight Restrictions by Western Pilots.

Also included in the packet material was a snapshot of open positions from Port and Resource Recovery Department which listed a vacancy of a Clerk/Typist II. The position was requested to fill as the associate transferred to another position within the county.

**Motion made by Supervisor Sieber, seconded by Supervisor Kaster to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY.**

### Public Works

15. **An Ordinance Creating Section 348.0001 of the Brown County Code under Chapter 340 to 348 Entitled "Traffic" regarding the Length and Width Limits for Agricultural Commercial Vehicles.**

The 2013 Wisconsin Act 377, enacted in April 2014, sets weight and length limits for Implements of Husbandry (IoH) and Agricultural Commercial motor Vehicles (Ag CMV), with specific exemptions, especially in regards to Category B IoH. It also allowed local government officials to pass resolutions or ordinances regarding the maximum gross vehicle and axle weight limits for Implements of Husbandry (IoH) and Agricultural Commercial motor Vehicles (Ag CMVs) operating upon roads under jurisdiction. Brown County needed to adopt a policy or ordinance regarding the implementation of

this Act.

The Public Works Department recommended Option B – the Total Opt Out option under Section 348.27(19)(b)5.a. of the Wisconsin State Statutes and the approval of the proposed ordinance. The County Highway system is one of the best systems of roadways for IoH and Ag CMV vehicles to use. By law these vehicles were not permitted on Interstate systems and State Highways typically have higher traffic volumes and speeds making them not as safe to be utilized by slow moving larger agricultural equipment. The local roads (Towns and Villages) were typically not structurally designed for the weight or width of these vehicles. By following the opt out option (Option B) Brown County Public Works will no need to issue permits for these vehicles.

Fontecchio added that he had contacted the Sheriff's office about this and they were on board with this ordinance. Anytime you pass a law or ordinance you have to look at the enforcement end of things. It was an enforcement issue. On their end, it was a no fee permit by law so it was just adding work. Fontecchio questioned in reality how many people would actually get a permit.

Responding to Sieber, Fontecchio informed that he had spoken with the towns extensively the last two months and a lot of them were going with Option F, which he understood. Their roads weren't built for it and they really had to pick and choose. In terms of taxes, their bread and butter was farmland. They had to protect their roads. Brown County had staff, if they had to permit it, they could, and they had a full-time guy that did permitting. These towns don't have staff. It was hard to get a hold of township.

In reading over this, Sieber felt they could request a permit if going over a certain tonnage, rather than go after them in five years to redo the road. Fontecchio informed that he had thought of this a lot but before Act 377 and after Act 377, nothing had changed. He understood what Sieber was saying but he wasn't sure if they needed to permit it, especially on the county highway system. The biggest problem that he had seen the last three years was the manure handlers by R/Denmark area, and they had gone and talked to them. The next step was to get the Sheriff's office involved if that were to happen. That was the whole point of putting the entry to roadways in there. Sieber felt it would be easier to solve the problem and work with them up front. If a farmer informed that they were using a big piece of equipment they could work together, improve the roadway and make it friendlier for these vehicles if they knew it was coming through. Fontecchio agreed, they could make it a similar permit but from his perspective he didn't know who was going to do this anyway in all reality. They would do the road the same way regardless what was on it. Dantine didn't see permitting as a reason to do anything. There would be an issue with enforcement and it would be cumbersome for a company to apply for them.

**Motion made by Supervisor Landwehr, seconded by Supervisor Sieber to approve. Vote taken.**  
**MOTION CARRIED UNANIMOUSLY.**

**16. Summary of Operations.**

Public Works Highway Engineer Paul Fontecchio spoke to the Summary of Operations report provided in the agenda packet material.

**Motion made by Supervisor Dantine, seconded by Supervisor Sieber to receive and place on file. Vote taken. MOTION CARRIED UNANIMOUSLY.**

**17. Director's Report.**

Fontecchio briefly reported on certain significant items for the Public Works Department as of January 26, 2015 (provided in agenda packet material) which included: New Hires, Lean Event,

CTH MM Funding, a December 2013 and December 2014 Snapshot of total labor hours and county salt used, and the Public Works – Highway Division as well as Facility Management Division 12-Hour Work Days for December 1-31, 2014.

**Motion made by Supervisor Sieber, seconded by Supervisor Kaster to receive and place on file.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**Other**

**Audit of bills.**

**Motion made by Supervisor Sieber, seconded by Supervisor Erickson to audit the bills.  
Vote taken. MOTION CARRIED UNANIMOUSLY.**

**18. Such other matters as authorized by law.**

**Motion made by Supervisor Dantine, seconded by Supervisor Sieber to adjourn at 7:55 p.m.  
Vote taken. MOTION CARRIED UNANIMOUSLY**

Respectfully submitted,

Alicia A. Loehlein  
Recording Secretary

# AGENCY AGREEMENT

## DEPARTMENT OF TRANSPORTATION BUREAU OF AERONAUTICS Madison, Wisconsin

### AN AGREEMENT DESIGNATING THE SECRETARY OF TRANSPORTATION AS ITS AGENT

WHEREAS, Brown County, Wisconsin, hereinafter referred to as the Sponsor, desires to sponsor an airport development project to be constructed with federal aid and/or state aid, specifically, the Austin Straubel International Airport project to:

Reconstruct Taxiways; Reconstruct Air Carrier Apron and Auto Gate Replacement; Replace Precision Approach Path Indicators (PAPI) on Runways 6 and 36; Replace Runways 6/24 and 18/36 Distance Remaining Signs; Construct Apron and Connector Taxiway West of Runway 18/36; Construct West Side Service Road; Expand East General Aviation Apron; Develop Airport GIS and Electronic Airport Layout Plan (e-ALP); Rehabilitate Public Auto Parking; Construct West Side Perimeter Road and Creek Crossing; Construct/Relocate Air Traffic Control Tower (ATCT); Construct Runway 36 Category II Instrument Landing System (CAT II ILS); Acquire Snow Removal Equipment; and any necessary related work.

WHEREAS, the Sponsor adopted a resolution on February 18, 2015, a copy of which is attached and the prescribed terms and conditions of which are fully incorporated into this agreement, designating the Secretary as its agent and requesting the Secretary to act as such as set forth in the resolution; and

WHEREAS, upon such request, the Secretary is authorized by law to act as agent for the Sponsor until financial closing of this project;

NOW THEREFORE, the Sponsor and the Secretary do mutually agree that the Secretary shall act as the Sponsor's agent in the matter of the airport development as provided by law and as set forth in the referenced resolution; provided, however, that the Secretary is not required to provide legal services to the Sponsor;

IN WITNESS WHEREOF, the authorized representatives of the parties have affixed their signatures and the seal of the parties.

WITNESS:

Brown County, Wisconsin  
Sponsor

\_\_\_\_\_  
Sandra L. Juno  
County Clerk

By:

\_\_\_\_\_  
Troy J. Streckenbach  
County Executive

.....  
By: SECRETARY OF TRANSPORTATION

\_\_\_\_\_  
David M. Greene, Director  
Bureau of Aeronautics

**EMPLOYEE'S WORKING OVER 12 HRS. IN A 24 HR. PERIOD REPORT  
BROWN COUNTY AUSTIN STRAUBEL INTERNATIONAL AIRPORT**

**NOVEMBER – 2014**

<b>EMPLOYEE NAME</b>	<b>DATE</b>	<b>HOURS WORKED-24 HR. PERIOD</b>	<b>REASON</b>
Challe, Justin	11/24/2014	14.50	Snow Removal
Delaruelle, Mike	11/24/2014	14.00	Snow Removal
Doxtator, Dale	11/24/2014	14.00	Snow Removal
Hacker, Doug	11/24/2014	14.00	Snow Removal
Haut, Crede	11/24/2014	14.00	Snow Removal
Jadin, Matt	11/24/2014	14.00	Snow Removal
Newton, Tim	11/24/2014	14.00	Snow Removal
Powers, Dick	11/24/2014	14.00	Snow Removal
Salamonski, John	11/24/2014	14.00	Snow Removal
Challe, Justin	11/25/2014	12.00	Snow Removal
Tomlinson, Dave	11/25/2014	13.25	Snow Removal
Delaruelle, Mike	11/28/2014	14.00	Snow Removal
Hacker, Doug	11/28/2014	14.50	Snow Removal
Haut, Crede	11/28/2014	14.50	Snow Removal
Salamonski, John	11/28/2014	14.50	Snow Removal



EMPLOYEE'S WORKING OVER 12 HRS. IN A 24 HR. PERIOD REPORT  
BROWN COUNTY AUSTIN STRAUBEL INTERNATIONAL AIRPORT

DECEMBER -- 2014

EMPLOYEE NAME	DATE	HOURS WORKED-24 HR. PERIOD	REASON
Delaruelle, Mike	12/08/2014	16.0 hrs.	Snow Removal
Doxtator, Dale	12/08/2014	13.50 hrs.	Snow Removal
Hacker, Doug	12/08/2014	16.25 hrs.	Snow Removal
Haut, Crede	12/08/2014	16.25 hrs.	Snow Removal
Jadin, Matt	12/08/2014	16.25 hrs.	Snow Removal
Newton, Tim	12/08/2014	16.0 hrs.	Snow Removal
Powers, Dick	12/08/2014	16.50 hrs.	Snow Removal
Salamonski, John	12/08/2014	16.0 hrs.	Snow Removal
Tomlinson, Dave	12/08/2014	14.25 hrs.	Snow Removal
Hacker, Doug	12/22/2014	16.50 hrs.	Snow Removal
Haut, Crede	12/22/2014	16.50 hrs.	Snow Removal
Jadin, Matt	12/22/2014	16.50 hrs.	Snow Removal

Brown County  
UW - Extension  
Budget Status Report  
1/30/2014

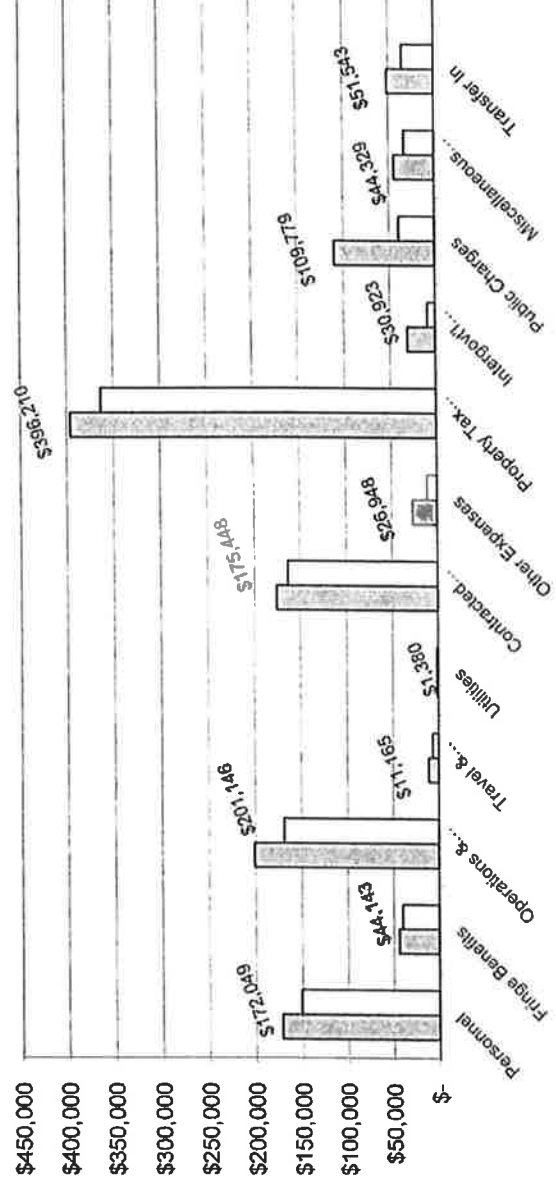
	Annual Budget	YTD Actual
Personnel	\$ 172,049	\$150,889
Fringe Benefits	\$ 44,143	\$40,252
Operations & Maintenance	\$201,146	\$169,085
Travel & Conference	\$ 11,165	\$6,326
Utilities	\$ 1,380	\$1,338
Contracted Services	\$ 175,448	\$163,211
Other Expenses	\$ 26,948	\$10,803
Property Tax Revenue	\$ 396,210	\$363,193
Intergov't Revenue	\$ 30,923	\$8,589
Public Charges	\$ 109,779	\$39,277
Miscellaneous Revenue	\$ 44,329	\$33,199
Transfer In	\$ 51,543	\$35,111

HIGHLIGHTS:

Expenses:

Revenues:

UW Extension - November 30, 2014





# **UW Extension** **2014** **Highlights**

# **Purpose** **to which we commit....**

WE TEACH, LEARN, LEAD AND SERVE, CONNECTING PEOPLE WITH THE UNIVERSITY OF WISCONSIN, AND ENGAGING WITH THEM IN TRANSFORMING LIVES AND COMMUNITIES.

# **Vision** **of what we want to become....**

A THRIVING, WELL-KNOWN AND SOUGHT-OUT EDUCATIONAL RESOURCE THAT REFLECTS THE RICH DIVERSITY OF THE STATE.

# **Mission**

THE BROWN COUNTY UNIVERSITY OF WISCONSIN-EXTENSION TRANSFORMS LIVES AND COMMUNITIES THROUGH UNIVERSITY RESEARCH, KNOWLEDGE AND RESOURCES IN THE AREAS OF AGRICULTURE, COMMUNITY, NATURAL RESOURCES, ECONOMIC DEVELOPMENT FAMILY LIVING, HORTICULTURE, AND YOUTH DEVELOPMENT.

Greetings –

We are pleased to share with you the Brown County UW-Extension Annual Report, an overview of some of our accomplishments and partnerships over the past year. With your help, we have built a tremendous team of staff, volunteers and community partners.

Cooperative Extension is the Wisconsin Idea in action. Since its beginning more than a hundred years ago, Cooperative Extension has worked to bring university knowledge to the people of Wisconsin. Our educational programs are county-based and continue to change to meet local needs.

In 2014, many exciting opportunities arose.

- A Community Development Educator was hired to work on economic development opportunities in Brown County.
- The 4-H Youth Development Program celebrated its centennial with a culmination of events at the Brown County Fair including the creation of a 4-H clover comprised of nearly 400 volunteers, 4-H members and their families and program supporters.
- Growth in number of individuals attending horticulture education programs.
- Implementation of new initiatives to help Brown County residents make healthy choices.
- Expansion of the community garden program.

By offering education that transforms people's lives, we fulfill our mission to extend the knowledge and resources of the University of Wisconsin to people where they live and work. We thank you for your interest in Cooperative Extension. We invite you to learn more about our organization at [www.browncountyextension.org](http://www.browncountyextension.org)

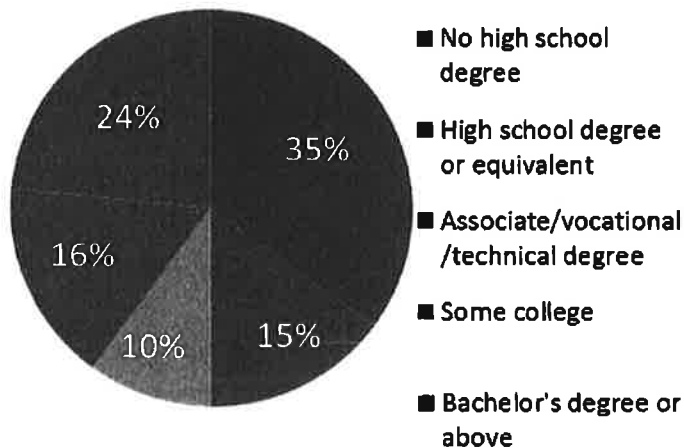
With gratitude,  
Brown County UW-Extension Staff

***University Extension ... providing education that  
supports vibrant and livable communities***

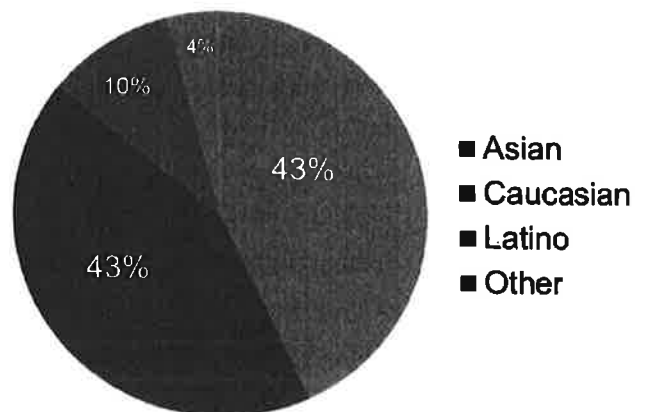
## Community Gardens

- 261 garden plots are available in eight community gardens in Brown County totaling four acres.
- Of the 148 gardeners, 40 percent self-identified as receiving government assistance.
- Forty-three percent of gardeners are Hmong, 43 identified as Caucasian, 10 percent reported being Latino and four percent other.
- According to the United States Department of Agriculture (USDA) formula for determining the value of crops produced in community gardens, over \$300,000 worth of produce was grown in these gardens in 2014.
- Average of 17 youth participated weekly in a seven week summer garden series.
- Brown County UW-Extension Community Garden Program helped initiate the Green Bay Garden Blitz in 2014. Community volunteers built and installed 100 raised bed gardens in order to create a healthier, more sustainable food system.

### 2014 Gardeners



### Gardener Ethnicity



*To plant a seed is to  
believe in tomorrow!*



## Education for the Green Industry

The Brown County UW-Extension Program provides professional development to the green industry i.e. commercial greenhouse growers, landscapers, lawn service providers, and urban foresters will adopt sustainable landscape practices.

An average of 50 landscapers attended all four series of the landscape and grounds maintenance short course program. Post program evaluation completed by the participants showed an increase in understanding of sustainable landscape practice information. Evaluation survey indicates 45% of the respondent learned "Quite a bit" and 30% learned "A lot" as result of the short course program. A program participant commented on the evaluation "I knew a lot coming in, but learned even more on the way out". During consultation at the UWEX office and on-site, three landscapers stated their change in turf renovation practices based on the information gained through the short course program.

Nearly 40 participants attended commercial greenhouse seminar where UWEX state specialist and Green Industry professionals presented various management practices for greenhouse production. Landscape students from Fox Valley technical college participated in this program. Post training evaluation indicates 52% of the respondents are likely to apply the information presented at the program in their working environment. A follow up assessment was conducted on-site at couple of greenhouse in early spring. Growers have indicated that they have adapted the UWEX recommendation in managing downy mildew disease on impatiens and have increased the production of downy mildew tolerant varieties of New Guinea and its hybrid.

In partnership with Wisconsin Department of Natural Resources (DNR), urban forestry program was offered at Brown, Outagamie and Winnebago Counties to city & municipal foresters, grounds supervisor, landscapers, gardeners and other horticulture professionals. In Brown County, 26 people signed up for all day program where they learned about diverse tree species for urban environment.

More than 15 Green Industry folks benefited from UW Extension's onsite diagnostic consultation service this year. In addition, staff trained 25 employees for a private landscape company and offered a presentation to 20 graduating students from the NWTC's landscape horticulture program.



# Invasive Species Update

The main goal of the Brown County UW-Extension Invasive Plant Species Program is to help maintain plant biodiversity. This is done through the control of invasive plant species. Invasive species are usually from other geographic regions and they are capable of growing and reproducing in natural areas, replacing native plants. By controlling invasive plant species, native plants will be able to re-establish their diverse plant communities and other organisms that depend on them.



- In 2014, staff sprayed all the phragmites in the following towns: New Denmark, Wrightstown, Glenmore, Morrison, Lawrence and Holland. Through a Department of Natural Resources (DNR) Aquatic Invasive Species grant, phragmites was sprayed in the towns of Eaton and Humboldt and along the Baird Creek Parkway.
- Garlic mustard is a major problem in Brown County as it is a threat to wetlands. Fifty-four sites in the county have garlic mustard and 30 of these sites were treated in 2014. Alternative methods of control were used followed by the establishment of native grasses on some sites.
- Purple Loosestrife has been a significant problem along the Fox River, Duck Creek and East River. The releasing of Galerucella beetles as a bio-control has proven very effective as well as economical. In 2014, no beetles were released as beetles have been widely distributed in Brown County. While purple loosestrife is still very visible, it does not appear to be out competing native vegetation anymore.
- Restoration activities were completed at the Brown County Ag & Extension Service Center and Baird Creek Parkway. Both projects were aided by a generous donation of plant plugs by Prairie Nursery and Stone Silo Nursery. The program also assisted in the maintenance of a seeding trial on a garlic mustard site in cooperation with University of Wisconsin-Green Bay. In some circumstances, an invasive plant species infestation can be seen as an opportunity for restoration.





## Garden Field Day

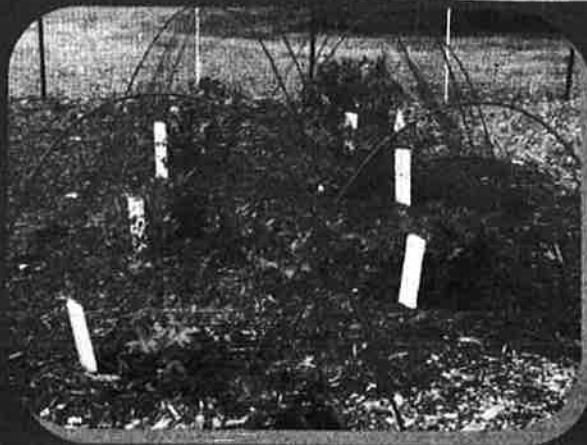
A garden field day was hosted for the first time by Brown County UW Extension in partnership with the NEW Master Gardeners Association. The program was held on the Agriculture & Extension Service Center grounds that are developed and maintained by the Master Gardener Volunteers.



This was a half day program where speakers demonstrated and showcased best landscape and garden management practices for the gardeners on the Extension grounds. The educator presented a 30 minute session on tomato disease management on the raised bed gardens. 49 people participated in the garden field day. In the post evaluation survey (n=26), 88% rated the quality of the garden field day "Excellent". Prior knowledge on tomato disease management was ranked by 60% of the participants "Somewhat," and post knowledge after the field day was ranked by 46% of the participants "Quite a bit" and 42% "A lot". A participant commented on the survey about the program, *"Great format, very efficient. Excellent speakers."*

## Blueberry Trial Project at UWEX Grounds

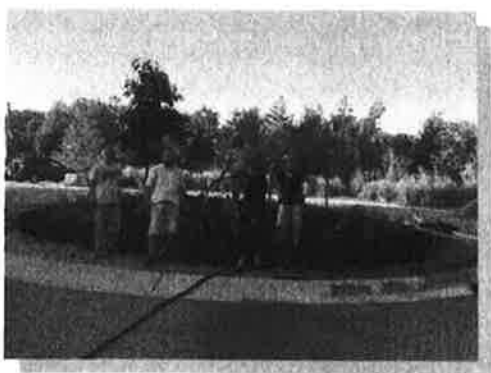
In 2014 spring, a new blueberry demonstration trial bed was established at the Brown County UW Extension grounds. The objective of this trial garden is to demonstrate different techniques ( in- ground beds and container) techniques in growing blueberry in soilless media. 10 different varieties are planted in this garden bed and the yield evaluation will be assessed from 2015 to 2017.



## Master Gardener Training Program

Brown County UW-Extension hosted Master Gardener Level 1 Training. 26 individuals enrolled in the program held from Feb 4 to April 4, 2014. Participants received 42 hours of education in foundational topics of horticulture in order to assist UW-Extension in providing horticulture and gardening education in their communities. As part of the program requirement, trainees volunteered in educating the community members at square foot garden projects, blueberry trial at UWEX grounds, raised bed gardens at Danz elementary school and native garden project at Bay Beach wildlife sanctuary. 26 participants completed the training and passed the exam with a score of 70% or better. The trainees volunteered a total of 808 hours on garden projects.

### Master Gardener Trainees in Action



Along with senior Master Gardener volunteers, 2014 trainees participated in designing and planting of native plants at the Bay Beach Wild Life Sanctuary.



Educating the Danz elementary school kids in growing vegetables in raised beds in spring 2014



Master Gardener trainees assisted in renovating the garden beds at Green Bay Botanical Gardens



## Agriculture

In April 2014, Liz Binversie started working as the Agriculture Educator for Brown County UW-Extension. In late May, this agent began work for the alfalfa scissor clipping program. Samples of alfalfa hay were collected from four farms in Brown County and evaluated for nutrition quality. This information was used by farmers to help them determine when to cut their first batch of hay so they could provide the best nutrition and be sure to have enough hay to feed to their animals in the upcoming year.

June is National dairy month and with it marks the beginning of Breakfast on the Farm season throughout the state of Wisconsin. Almost every county in the state hosts a breakfast, brunch, or ice cream social to celebrate agriculture and farming in Wisconsin. Brown County's Dairy Promotion group hosted its Breakfast on the Farm at Calfsource in Greenleaf. Several thousand people attended and the event included a tour of the farm, pictures with calves, petting zoo, educational tent, and most importantly featured the celebration of Brown County's diverse agricultural community. This agent helped at the event and created an educational display highlighting Brown County agriculture which was located in the welcome tent.

2014 also brought with it changes in laws regarding agricultural practices. As a result, this agent hosted educational meetings in the county to help our community understand these new laws and how to best follow them. Brown County residents—mainly farmers, law enforcement, and towns associations—learned about the new laws regarding driving farm equipment on local and state roads.

### Midwest Manure Summit

In 2015 Green Bay will once again host the Midwest Manure Summit which has brought over 650 participants from fifteen states two Canadian provinces. Speakers are travelling from all over the country to present on topics regarding manure handling and processing, including manure odor management, manure irrigation and the human health risk, and technologies to recover nitrogen and phosphorous from manure. The conference will be held at the Radisson Hotel & Conference Center on February 24-25, 2015. New this year is the Anaerobic Digestion Preconference on February 23, 2015 as well as on-farm tours to visit farms with various manure technologies and systems. On-farm tours will take place on the last day of the conference. This agent is serving as co-chair on the planning committee and hopes you will join us for another great year! More information can be found on our website: [www.midwestmanure.com](http://www.midwestmanure.com).



## Wisconsin Nutrition Education Program

Wisconsin Nutrition Education Program delivered 245 group nutrition classes to a total of 1890 parents of young children on a variety of topics through agencies in Brown County and the Oneida Nation. Partners include: Family Resource Centers, County Health Department, Healthy Families, Teen Parent programs, Forward Services W-2 Program, WIC, Salvation Army, Child Care and Head Start. Of those programs evaluated, the following results were reported as a result of our programming:

After classes on "Choosing Healthful Foods," 80% of the 181 participants stated that they will use MyPlate recommendations when planning a meal and 94% of 80 learners reported that they will try to have half their plates filled with vegetables and fruits.

Some comments from participants are listed below.

- "Even though I am not a big fan of veggies, there are easy ways to implement them into my daily diet."
- "Be careful and read how much sodium and sugar are in canned veggies and fruits."
- "Eat more colors of vegetables. They are packed with vitamins and low calories."
- "Portion size is very important and using MyPlate gives a lot of variety and recipe options."

After classes on portion awareness,

97% of 68 learners will look at how many servings are in the container to decide how much to eat. 100% of 22 will look at Nutrition Facts to determine the serving size when eating out of the package. 81% of 42 learners can recognize what one cup of a beverage looks like.

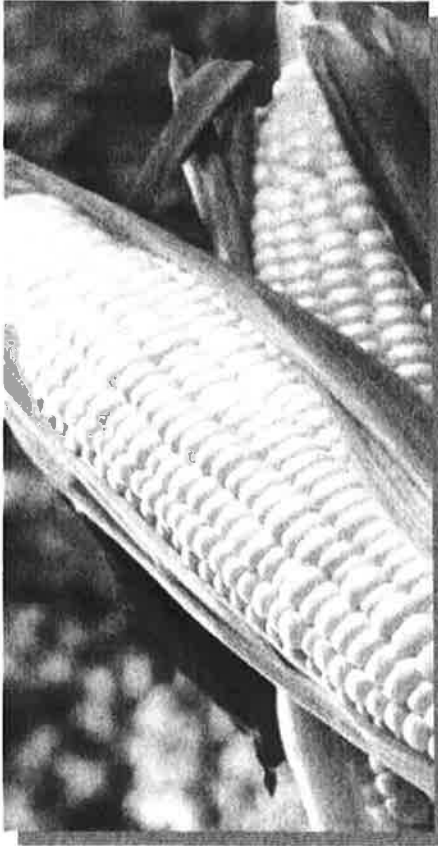
After classes on "Money for Food," 86% of 43 learners will now plan to spend some time planning meals in advance and 67% of 42 learners will use MyPlate as a way of thinking about planning a meal. Some learner comments are listed below.

- "Simple, easy, healthy meals are good and can be really cheap."
- "I learned the importance of vegetables and fruits for good health."
- "Healthy foods don't have to cost too much. I am going to try to buy more of the whole foods and less of the processed foods which don't have as much nutrition."
- "I learned how to read labels and that I can use my EBT card at the farmer's market and get extra tokens with it."

***UW-Extension helping Brown County families  
grow, changes and prosper.***

## Oneida Corn Project

The Oneida Nation of Wisconsin are an Iroquoian-speaking Indian tribe originally from upstate New York. The Oneida people have always been farmers, cultivating the land and creating sustainable foods since the beginning of our time. At the core of their historic food sovereignty model lies what are known by the Oneida people as the Three Sisters:



Corn, Beans, and Squash - triumvirate of sustainability and medicinal nutrition. One of the tribe's primary responsibilities is caring for the Three Sisters, Corn, Beans and Squash. A key part of this obligation is providing and caring for the White Corn.

Oneida white flint corn is an ancient and nourishing variety. It can be traced back to the Oneida's ancestral homeland in what is now New York State. It is grown today on tribal lands in upstate New York; at the Oneida Nation of Wisconsin, near Green Bay; and at the Oneida Nation of the Thames, Ontario, Canada.

Nutritional analysis completed on the white corn has shown a higher value of protein compared with other varieties of conventional corn. The corn is higher in protein when compared with other varieties of corn. The corn is not genetically modified. It is considered a whole grain and thus is gluten free.

The Oneida Tribe has been interested in developing a new product using white corn that would have a broader market than the traditional corn products that processed and purchased by tribal members. They received a Value-Added Producer Grant from USDA Rural Development to develop a new product using the white corn they raise. They contacted Brown County UW-Extension Family Living Educator Judy Knudsen to work with them on the development of the new product as well as conducting a feasibility study and marketing plan.

After brainstorming and conversation, it was decided to develop a pancake mix made with heirloom organic white corn. The pancake mix has also been tested by using prepared batter in a waffle maker. The mix can be used to make high quality waffles. A Nutrition Facts label is being developed and new product labels for the other food items they process through the Oneida Cannery. It is anticipated the product will be available for sale in 2015.

**UW-Extension....**  
**Making a difference in**  
**Brown County**

# Money Smart Matters: A Financial Series for Women

Brown County UW-Extension in partnership with the Brown County Library and Money Smart Week Brown County Planning Committee sponsored the first annual Financial Series for Women. This event was held on Saturday, April 12, 2014. Over 50 women attended this event. Workshop topics included:

Estate Planning for Women

Understanding Credit

What it Means to Invest as a Woman

Who Gets Grandma's Yellow Pie Plate

Identity Theft and Protection

How to Turn Your Passion Into a Business

Weddings and Hidden Expenses: How to Make the Most of Your Event

Without Breaking the Bank

What You Spend and What You Save



A post evaluation showed that nearly all participants gained new knowledge. The second annual Money Smart Matters: A Financial Series for Women is scheduled for Saturday, April 18, 2015. A number of corporate sponsors has stepped forward to support this financial series.



**UW-Extension....**  
**Meeting the needs of**  
**Brown County Families**

# Community, Natural Resource and Economic Development

Extension is collaborating with partners across Brown County to encourage people to invest their resources here by creating -- and communicating -- that we are a community that generates innovative ideas, helps businesses grow, and provides a vibrant quality of life.

The UW-Extension Community Resource Development Educator worked with the Brown County Executive to create a community economic development strategy based on recommendations from academic literature, local demographic and economic data, and conversations with stakeholders. It was concluded that Brown County can successfully grow our economy by:

- connecting individuals and industries in order to generate innovative ideas;
- cultivating these ideas into successful businesses; and
- courting smart and skilled people to our community.

Four industrial “clusters” were identified with high potential for innovation:

- food systems (milk production, cheesemaking, viticulture, and food processing)
- healthcare networks (mental health care treatment and rehabilitation)
- resource recovery (expanded household materials recycling)
- watershed stewardship (nutrient recycling and bioenergy facilities)

With regard to food systems, there is a strong presence of food agriculture-related business in or around the Village of Denmark. Extension has been working with the Denmark Community Business Association to leverage these assets in a way that creates -- can communicate -- Denmark as an economic hub for food-related industries and business. The team hopes to start this process through a social event that highlights the sector, especially those involved in the production of cheese, wine, and meat. This will help businesses both expand their sales reach and find local companies to be part of their supply chain. It also provides an opportunity to form collaborations that generate new goods and services on the marketplace.

Extension worked with County staff and external stakeholders to help create natural and cultural amenities that constitute a high quality of life creates an even stronger draw for those seeking employment. We started exploring ways that the Brown County Central Library can become a contemporary entrepreneurial and educational community center, including the potential for housing a high-tech incubator.

Extension launched the [Brown County Economic Dashboard](#): an online database of interactive historical and geographical visualizations of the Greater Green Bay area. Commerce Indicators illustrate the breadth and depth of businesses the people they employ. Demographic Indicators illustrate the size, distribution, and characteristics of our residents. Land Use Indicators illustrate the spatial and financial attributes of our built environment. These indicators will help us benchmark future change.

*UW-Extension educational programs help people grow  
and succeed at all stages of life*

# Engaging Youth In STEM Projects (Science, Technology, Engineering and Math) Projects

Robotics, aerospace, and engineering. These are just a few of the programs that 4-H youth participate in everyday and learn new skills that make a difference in our communities. These hands-on programs empower youth and provide them with opportunities to grow, learn, and become confident kids.

Brown County youth are eagerly participating in STEM (Science, Technology, Engineering and Math) activities.

- 132 youth participated in Summer STEM programs held at the Brown County Library branches, with curriculum designed to increase youth participation and ability to think like scientists. According to post-session evaluations, 67 participants indicated the liked science prior to the sessions, and after the session, the number increased by 12 participants to 88.
- 31 youth participated in Summer Crime Scene Investigator Camps, with curriculum designed to engage youth in science thinking, creativity, and problem solving. Camps were held in conjunction with Green Bay Area Public Schools Summer Schools, and reached participants at three schools (Danz Elementary, Nicolet Elementary and Fort Howard Elementary). Seventy-one percent indicated they would use the thinking and problem solving skills they learned in another aspect of their lives.
- 125 youth participated in 4-H Afterschool programs, with curriculum focused on STEM programs. 4-H Afterschool instructors provided eight weeks of education to 2-4<sup>th</sup> grade students at the following schools: Fort Howard, Howe, Keller, Eisenhower, Danz, Sullivan and Doty. Evaluation data show 100 percent satisfaction rate of all schools, indicating that students learned about scientific careers, the role of science in multiple venues (entomology and flight were the two specifically discussed) and scientific inquiry processes.
- 72 youth participated in Lego NXT Robotics programs, offered by or in conjunction with UW-Extension 4-H Youth Development. Twenty-four youth participated in the Super Saturday Robotics programs offered at UW-Extension, while 48 additional youth participated in the Lego Camps at UWGB, where 4-H Youth Development staff served as co-educators. Super Saturday programming indicated the following results:
  - 78% increase in the ability to program a NXT robot
  - 66% increase in the ability to view a robotic challenge and solve the problem (problem solving skills)
  - 44% increase in the ability to use teamwork skills (collaboration skills)
  - 55% increase in the ability to explain my thoughts to others (communication skills)

Additional STEM related outreach during the year included participation on the STEM working group, facilitated by The Einstein Project, Boys and Girls Club Open House, participation at the Brown County Fair Library Day inside the AgVentures Tent and representation at the Science Expo at Shopko Hall.





## Celebrating Brown County 4-H

2014 was a banner year for Wisconsin 4-H, celebrating 100 Years of Wisconsin 4-H. Locally, Brown County celebrated the centennial in many ways, including more than 350 people coming together for an aerial 4-H human clover picture, 7 clubs participating in a History Starts Now Youth Day of Action, a proclamation from the County Executive, a canned food 4-H Clover display, and the reunion of 4-H graduates at the 2015 Brown County Fair.



Additionally, Brown County 4-H grew in 2014 to include a new 4-H club, Busy Bee's 4-H Club, located in the heart of downtown Green Bay – our first 4-H Club in the urban center of Green Bay. This club was formed to provide an opportunity to residents in the downtown Green Bay Area to participate in a local, traditional 4-H Club. The club provides hands-on project based learning in more than 15 projects for youth, grades K-13.

Busy Bees 4-H Club joins the other 15 4-H Clubs and 3 4-H Groups throughout the County, and together, all clubs reach a total of nearly 700 youth in Club programming and an additional 350 youth in short term 4-H programming. Helping these nearly 950 youth participate are more than 200 adult and youth volunteers.





*The University of Wisconsin Extension provides affirmative action and equal opportunity in education, programming and employment for all qualified persons regardless of race, color, gender/sex, creed, disability, religion, national origin, ancestry, age, sexual orientation, pregnancy, marital or parental, arrest or conviction record, or veteran status.*

# Brown County Taste of Wisconsin

*Savor the Flavor of Wisconsin Agriculture*



**Tuesday February 17th, 2015**

**"Fat Tuesday"**

**5:30pm - 7:30pm**

National Railroad Museum

2285 South Broadway

Green Bay, WI

*Food \* Family \* Fun \* Farms*

## **Admission Prices:**

**Adults: \$15**

**Ages 6-12: \$8**

**Ages 5 and under: Free**

*Tickets available online or by phone*

920-371-2993

[www.browncountydairypromotions.com](http://www.browncountydairypromotions.com)

Chefs from the Brown County area will each prepare a dish that features an ingredient from Wisconsin Agriculture. Savor the flavor of Wisconsin while you and your family dine around the chef stations, enjoying a sampling from the area chefs. All proceeds from this event will fund agriculture education programs in Brown County.

During the 2013 - 2014 school year 9,000 Brown County school students learned how Wisconsin agriculture helps to put food on their table.



Evening will include

- \* 25 tasting stations
- \* Cash bar
- \* Silent auction
- \* Short program

#TasteBCDP

[www.BrownCountyDairyPromotions.com](http://www.BrownCountyDairyPromotions.com)



[Facebook.com/BrownCountyDairyPromotions](https://Facebook.com/BrownCountyDairyPromotions)